



Limited functions.

Simple operation, versatile functions & rugged construction for your day-to-day communication needs

Simple operation for instant communication

The IC-F5011 series has 8 channels. The P0-P3 programmable buttons allows you to customize the radio to suit your needs and convenience.

Most popular signalings built-in

Use the built-in 2-Tone, 5-Tone, MDC 1200, CTCSS and DTCS capabilities as standard to set up your own talk groups and quiet stand-by when others are talking.

Multiple 2-Tone, multiple 5-Tone

Up to ten 2-Tone or eight 5-Tone codes can be decoded on a channel. Features such as stun, kill, revive, answer back, auto TX, scan, audio output are programmable to respond to each tone.

MDC 1200 compatible

The IC-F5011 series has a built-in MDC 1200 for transmitting a PTT ID and emergency* signal and for receiving radio check, stun and revive. Assimilate the radio easily into existing MDC 1200 systems. (* No ACK transmission)

Enhanced scan features

The priority scan function allows you to monitor one or two priority channels while scanning other non-priority channels. The Tx channel and talk back functions allow you to make a quick response while scanning.

Remote channel control with optional ACC cable

The optional ACC cable allows you to connect with various external devices to control audio output, modulated signal input, remote channel control, horn honk and many more functions. OPC-1939 is a D-SUB 15-pin type and OPC-2078 is a D-SUB 25-pin type.



Photo includes optional OPC-2078.

Built military rugged

The IC-F5011 series is tested to MIL-STD 810 F specifications. The radio is built to survive harsh environment and keep working.

Other features

- 4 W (typ.) front mounted speaker
- Wide frequency coverage (136–174, 400–470 and 450–512 MHz)
- Microphone hanger action programmable
- Optional DTMF microphone (HM-152T)
- Optional voice scrambler unit, UT-109R or UT-110R
- DTMF autodial function
- PC programmable
- Power-on password function
- Time-out-timer, lock-out penalty timer
- Talk around function
- Nuisance delete function

SPECIFICATIONS

	IC-F5011	IC-F6011
GENERAL		
Frequency coverage	136–174 MHz	400–470 MHz 450–512 MHz
Number of channels	8 channels	
Type of emission	16K0F3E/11K0F3E*	
Channel spacing	12.5/25 kHz, 15/30 kHz*	12.5/25 kHz*
PLL channel step	2.5/3.125 kHz	
Power supply requirement	13.6 V DC	
Current drain (approx.)		
Tx High (50 W/45 W)	10 A	11 A
Rx Max. audio/Standby	700 mA/250 mA	700 mA/250 mA
Antenna impedance	50 Ω (SO-239)	
Operating temperature range	-30 °C to +60 °C ; -22 °F to +140 °F	
Dimensions (W × H × D) (Projections not included)	150 × 40 × 167.5 mm; 5.9 × 1.6 × 6.6 in	
Weight (approx.)	1.1 kg; 2.4 lb	
TRANSMITTER		
Output power (at 13.6 V DC)	50 W, 25 W, 5 W (Hi, L2, L1) 45 W, 25 W, 4.5 W (Hi, L2, L1)	
Max. frequency deviation	± 5.0 kHz/±2.5 kHz (Wide/Narrow)	
Frequency stability	±2.5 ppm	
Spurious emissions	70 dB min.	70 dB typ.
FM Hum and noise	46/40 dB typ. (Wide/Narrow)	
Audio harmonic distortion (AF 1 kHz 40% deviation)	3% typ.	
Ext. microphone impedance	600 Ω (8-pin modular)	

* 25kHz bandwidth is no longer available for FCC Part 90 licensees for USA versions.

	IC-F5011	IC-F6011
RECEIVER		
Sensitivity (at 12 dB SINAD)	0.25 μV typ.	
Adjacent channel selectivity	75/65 dB typ. (Wide/Narrow)	
Spurious response rejection	70 dB min.	
Intermodulation rejection	75 dB typ.	
Hum and noise	45/40 dB typ. (Wide/Narrow)	
Audio output power	4 W typ. (at 5% distortion, 4 Ω load)	
Ext. speaker connector	2-conductor 3.5 (d) mm (1/8")/4 Ω	

Measurements made in accordance with TIA-603.

All stated specifications are subject to change without notice or obligation.

Applicable U.S. Military Specifications

Standard	MIL 810F	
	Method	Procedure
Low Pressure	500.4	I, II
High Temperature	501.4	I, II
Low Temperature	502.4	I, II
Temperature Shock	503.4	I
Solar Radiation	505.4	I
Humidity	507.4	—
Settling Dust	510.4	III
Vibration	514.5	I
Shock	516.5	I, IV

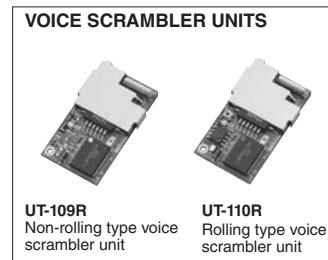
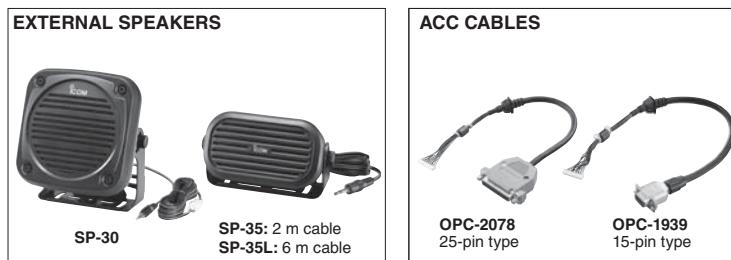
Also meets equivalent MIL-STD-810-C, -D and -E.

Supplied Accessories

- Hand microphone (HM-152)
- DC power cable
- Microphone hanger
- Key assign stickers

OPTIONS

Some options may not be available in some countries. Please ask your dealer for details.



Icom, Icom Inc. and the Icom logo are registered trademarks of Icom Incorporated (Japan) in Japan, the United States, the United Kingdom, Germany, France, Spain, Russia, Australia, New Zealand and/or other countries. All trademarks are the properties of their respective holders.

Icom Inc. 1-1-32, Kamiminami, Hirano-Ku, Osaka 547-0003, Japan Phone: +81 (06) 6793 5302 Fax: +81 (06) 6793 0013

www.icom.co.jp/world

Count on us!

Icom America Inc.

12421 Willows Road NE,
Kirkland, WA 98034, U.S.A.
Phone: +1 (425) 454-1855
Fax: +1 (425) 454-1509
E-mail: sales@icomamerica.com
URL: <http://www.icomamerica.com>

Icom Canada

Glenwood Centre #150-6165
Highway 17A, Delta, B.C.,
V4K 5B8, Canada
Phone: +1 (604) 952-4266
Fax: +1 (604) 952-0090
E-mail: info@icomcanada.com
URL: <http://www.icomcanada.com>

Icom Brazil

Rua Itororó, 444 Padre Eustáquio
Belo Horizonte MG,
CEP: 30720-450, Brazil
Phone: +55 (31) 3582 8847
Fax: +55 (31) 3582 8987
E-mail: sales@icombrazil.com

Icom (Europe) GmbH

Communication Equipment
Auf der Krautweide 24
65812 Bad Soden am Taunus, Germany
Phone: +49 (6196) 76685-0
Fax: +49 (6196) 76685-50
E-mail: info@icom-europe.com
URL: <http://www.icom-europe.com>

Icom Spain S.L.

Ctra. Rubí, No. 88 "Edificio Can Castanyer"
Bajos A 08174, Sant Cugat del Vallès,
Barcelona, Spain
Phone: +34 (93) 590 26 70
Fax: +34 (93) 589 04 46
E-mail: icom@icomspain.com
URL: <http://www.icomspain.com>

Icom (UK) Ltd.

Blacksole House, Altira Park,
Herne Bay, Kent, CT6 6GZ, U.K.
Phone: +44 (0) 1227 741741
Fax: +44 (0) 1227 741742
E-mail: info@icomuk.co.uk
URL: <http://www.icomuk.co.uk>

Icom France s.a.s.

Zac de la Plaine,
1 Rue Brindejón des Moulinais, BP 45804,
31505 Toulouse Cedex 5, France
Phone: +33 (5) 61 36 03 03
Fax: +33 (5) 61 36 03 00
E-mail: icom@icom-france.com
URL: <http://www.icom-france.com>

Icom (Australia) Pty. Ltd.

Unit 1 / 103 Garden Road,
Clayton, VIC 3168 Australia
Phone: +61 (03) 9549 7500
Fax: +61 (03) 9549 7505
E-mail: sales@icom.net.au
URL: <http://www.icom.net.au>

Icom New Zealand

393 Rennie Drive, Airport Oaks,
Auckland, New Zealand
Phone: +64 (09) 274 4062
Fax: +64 (09) 274 4708
E-mail: inquiries@icom.co.nz
URL: <http://www.icom.co.nz>

Asia Icom Inc.

6F No. 68, Sec. 1 Cheng-Teh Road,
Taipei, Taiwan, R.O.C.
Phone: +886 (02) 2559 1899
Fax: +886 (02) 2559 1874
E-mail: sales@asia-icom.com
URL: <http://www.asia-icom.com>

Your local distributor/dealer:

Shanghai Icom Ltd.

No.101, Building 9, Caifuxingyuan Park,
No.188 Maotong Road, Chedun Town,
Songjiang District, Shanghai, 201611, China
Phone: +86 (021) 6153 2768
Fax: +86 (021) 5765 9987
E-mail: bjicom@bjicom.com
URL: <http://www.bjicom.com>